REMARKS

Paragraphs [0014] and [0030] have been amended to correct a typographical error and to update a reference to a pending application, respectively.

Claims 1-20 are pending in the application. Claims 1, 2, 4-9, 11, 12 and 16-20 stand rejected. Claims 3, 10 and 13-15 are objected to. Claims 1, 5, 6, 19 and 20 have been amended. Claim 4 has been cancelled. In light of the amendments made to the claims and the following remarks, Applicants respectfully request that the rejections and objections be withdrawn and the claims allowed.

Claims 1, 2, 7, 16 and 18-20 stand rejected under 35 U.S.C. § 102(a) as being anticipated by Applicant Admitted Prior Art ("AAPA"). The rejection is respectfully traversed.

Claim 1 recites a method for operating a storage volume. The method includes the act of "establishing a profile for the storage volume, said profile being established using a predictive algorithm that is a function of at least one of: a predicted read activity that will likely address the volume; a predicted write activity that will likely address the volume; and an amount of data likely to be read or written to the volume." Because AAPA fails to disclose at least these elements and limitations of claim 1, claim 1 is allowable over AAPA.

AAPA discloses the establishment of a profile for a storage volume, AAPA, ¶¶ [0005], [0006], but is silent regarding the method for establishing the profile. Specifically, AAPA fails to disclose that the profile is established using a predictive algorithm. Similarly, AAPA fails to disclose that the profile is a function of at least "a predicted read activity ..., a predicted write activity ..., [or] an amount of data likely to be read or written to the volume." For at least these reasons, AAPA fails to anticipate

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claim 1. Claims 2, 7, 16 and 18 depend from claim 1 and are also allowable over AAPA

for at least the same reasons that claim 1 is allowable.

Claims 19 and 20 recite storage and computer systems, respectively, that each

include a controller. The controllers of claims 19 and 20 are configured to establish a

profile for a storage volume, "said profile established as a function of at least one of: a

predicted read activity that will likely address the volume; a predicted write activity

that will likely address the volume; and an amount of data likely to be read or written

to the volume." For essentially the same reasons as explained above, AAPA fails to

disclose at least these elements and limitations of claims 19 and 20. AAPA does not

disclose that a profile for a storage volume is established as a function of a predicted

read activity, a predicted write activity, or an amount of data likely to be read or

written to the volume. For at least these reasons, claims 19 and 20 are allowable over

AAPA.

Because AAPA does not disclose each element and limitation of claims 1, 2, 7,

16 and 18-20, claims 1, 2, 7, 16 and 18-20 are allowable over AAPA. Applicants

respectfully request the rejection be withdrawn.

Claims 1, 2, 4-9, 11, 12 and 16-20 stand rejected under 35 U.S.C. § 102(e) as

being anticipated by U.S. Patent Application Publication No. 2004/0243699 to Koclanes

("Koclanes"). The rejection is respectfully traversed.

Koclanes is directed to a method and system for providing optimal policy-

based management of storage resources. Koclanes, ¶¶ [0017]-[0019]. Koclanes

discloses the establishment of policy rules and metrics for storage volumes. Koclanes,

¶¶ [0017], [0018]. The policy rules or metrics are optimized to provide "the most

desirable options for allocation or reconfiguration (changes to) of storage." Koclanes, ¶

[0063]. The "most desirable options" are found as functions of storage capacity and transit path, where transit path is a function of utilization and maximum bandwidth variables. Koclanes, ¶¶ [0064]-[0069]. However, Koclanes fails to disclose that the most desirable options are dependent upon "at least one of a predicted read activity that will likely address the volume, a predicted write activity that will likely address the volume, and an amount of data likely to be read or written to the volume," as recited by claims 1, 19 and 20. Because Koclanes fails to disclose at least this limitation of claims 1, 19 and 20, claims 1, 19 and 20 are allowable over Koclanes. Claims 2, 5-9, 11, 12 and 16-18 depend from claim 1 and are also allowable over Koclanes for at least the same reasons that claim 1 is allowable over Koclanes. Claims 5 and 6 have been amended to be consistent with claim 1. Claim 4 has been cancelled. Applicants respectfully request the rejection be withdrawn.

Claims 3, 10 and 13-15 are objected to as being dependent upon a rejected base claim, but are otherwise allowable. Applicants gratefully acknowledge the Examiner's finding of allowable material in claims 3, 10 and 13-15. However, as claim 1 is allowable, and as claims 3, 10 and 13-15 depend from claim 1, Applicants respectfully request that the objection be withdrawn.
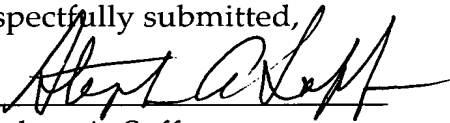
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In view of the above amendment, Applicants believe the pending application is in condition for allowance.

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Respectfully submitted,

By _____

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